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Cc: Butts, Sally[sbutts@blm.gov]
From: Fisher, Timothy
Sent: 2017-06-16T11:36:52-04:00
Importance: Normal
Subject: Additional questions on AUMs Carrizo Plan NM
Received: 2017-06-16T11:37:01-04:00
[CarrizoPlain DataSummary 6 7 2017.docx.docx](#)
[2.e Grazing Data.docx](#)

Nikki

Benjamin Simon, benjamin_simon@ios.doi.gov, had some additional question on billing of AUMs within Carrizo Plan National Monuemnt. A new table has been added to the folder (2.e Grazing Data) and the (CarrizoPlain DataSummary 6 7 2017.docx) has been modified to address the table. Both documents are attached below and have been uploaded to the Monument Review Google Drive folder as well.

Please review and forward to Ben once meeting approval.

Thanks

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Grazing Data, Carrizo Plain National Monument 5 Years Prior to Designation up to Present:

Allotment Name, #	Total Allotment Acres	Acres in CPNM	Permitted AUMs on Allotment	Permitted AUMs in CPNM	Year	AUMs sold on Allotment	AUMs sold in the CPNM	Notes
Traditional Section 15 Grazing Leases:								
North Temblor, 00015	35,073	Partial	7,882	Partial	1996	5,994	1,323	Carrizo Plain Natural Area Plan approved
					1997	6,655	1,246	
					1998	6,253	1,217	
					1999	7,504	1,174	
					2000	7,560	978	
					2001	8,049	1,098	Monument designation. (39% in Monument)
					2002	5,460	950	
					2003	7,540	1,160	
					2004	7,238	1,226	
					2005	8,237	1,019	Conservation target objectives applied
					2006	8,943	1,152	
					2007	7,789	810	
	35,921	8,506	7,936	1,840	2008	4,217	1,151	
					2009	8,369	1,327	
					2010	9,452	1,556	CPNM RMP final
					2011	9,531	1,089	
					2012	8,413	779	
					2013	5,501	517	Drought
					2014	173	0	Drought
	36,411	13,579	8,091	2,039	2015	2,008	867	Drought
					2016	3,443	635	Drought
McKittrick Summit, 00022	160	160	40	40	1996	39	39	Carrizo Plain Natural Area Plan approved
					1997	39	39	
					1998	39	39	
					1999	39	39	
					2000	39	39	
					2001	39	39	Monument designation
					2002	39	39	
					2003	39	39	
					2004	39	39	
					2005	39	39	
					2006	39	39	
					2007	39	39	
	160	160	40	40	2008	39	39	
					2009	18	18	
					2010	0	0	CPNM RMP final. Lessee takes nonuse.
	331	331	83	83	2011	0	0	Decision on recent acquisitions increases size of this allotment.

Allotment Name, #	Total Allotment Acres	Acres in CPNM	Permitted AUMs on Allotment	Permitted AUMs in CPNM	Year	AUMs sold on Allotment	AUMs sold in the CPNM	Notes
					2012	0	0	
					2013	0	0	
					2014	0	0	
					2015	0	0	
					2016	0	0	
Sulphur Canyon, 00031	16,065	16,065	2,295	2,295	1996	1,006	1,006	Carrizo Plain Natural Area Plan approved
					1997	977	977	
					1998	1,046	1,046	
					1999	1,199	1,199	
					2000	898	898	
					2001	664	664	Monument designation
					2002	307	307	
					2003	523	523	
					2004	151	151	
					2005	148	148	
					2006	477	477	
					2007	302	302	
	16,970	16,970	2,295	2,295	2008	199	199	
					2009	206	206	
					2010	275	275	CPNM RMP final
					2011	625	625	
	17,084	17,084	1,341	1,341	2012	176	176	Decision to implement RMP objectives reduces permitted AUMs.
					2013	0	0	New Lessee after transfer. Drought.
					2014	0	0	Drought.
					2015	816	816	
					2016	141	141	
Chimineas Ranch South, 00039	8,145	Part	2,715	Part	1996	Partial 651	Partial 651	Carrizo Plain Natural Area Plan approved. Allotment part of 00073, Chimineas Ranch.
					1997	Partial 651	Partial 651	
					1998	Partial 197	Partial 197	
					1999	Partial 592	Partial 592	
					2000	Partial 592	Partial 592	
					2001	Partial 1,197	Partial 1,197	Monument designation (23% in Monument)
	4,982	2,391	730	350	2002	0	0	Allotment 00073 split. Portion with part inside Monument (00039) now vacant. Grazing on 00039 controlled by Base Property use.
					2003	0	0	

Allotment Name, #	Total Allotment Acres	Acres in CPNM	Permitted AUMs on Allotment	Permitted AUMs in CPNM	Year	AUMs sold on Allotment	AUMs sold in the CPNM	Notes
					2004	0	0	
					2005	0	0	
					2006	0	0	
					2007	0	0	
					2008	0	0	
					2009	0	0	
					2010	0	0	CPNM RMP final
					2011	0	0	
					2012	0	0	
					2013	0	0	
					2014	0	0	
					2015	0	0	
					2016	0	0	
Selby Ranch, 00044	25,188	25,188	3,182	3,182	1996	1,796	1,796	Carrizo Plain Natural Area Plan approved
					1997	1,727	1,727	
					1998	1,148	1,148	
					1999	1,199	1,199	
					2000	898	898	
					2001	658	658	Monument designation
					2002	611	611	
					2003	449	449	
					2004	227	227	
					2005	296	296	
					2006	477	477	
					2007	302	302	
					2008	194	194	
					2009	598	598	
	26,560	26,560	3,182	3,182	2010	598	598	CPNM RMP final
					2011	672	672	
	26,560	26,560	1,341	1,341	2012	189	189	Decision to implement RMP objectives reduces permitted AUMs.
					2013	0	0	New Lessee after transfer. Drought
					2014	0	0	Drought
					2015	826	826	
					2016	454	454	
Maricopa, 00096	5,364	Part	1,073	Part	1996	1,074	Partial 1,074	Carrizo Plain Natural Area Plan approved
					1997	1,074	Partial 1,074	
					1998	1,074	Partial 1,074	
					1999	1,074	Partial 1,074	

Allotment Name, #	Total Allotment Acres	Acres in CPNM	Permitted AUMs on Allotment	Permitted AUMs in CPNM	Year	AUMs sold on Allotment	AUMs sold in the CPNM	Notes
					2000	1,074	Partial 1,074	
					2001	1,074	Partial 1,074	Monument designation (20% in Monument)
					2002	1,074	Partial 1,074	
					2003	1,074	Partial 1,074	
					2004	1,074	Partial 1,074	
					2005	541	Partial 541	
					2006	1,074	Partial 1,074	
					2007	1,074	Partial 1,074	
					2008	0	0	
					2009	937	Partial 937	
	5,979	1,180	939	188	2010	889	Partial 889	CPNM RMP final
					2011	937	Partial 937	
					2012	937	Partial 937	
					2013	938	Partial 938	
					2014	601	Partial 601	
					2015	829	Partial 829	
					2016	938	Partial 938	
Wood Canyon, 03655	2,059	Part	43	Part	1996	260	Partial 260	Carrizo Plain Natural Area Plan approved. Allotment part of 00021 Frazer Valley.
					1997	201	Partial 201	
					1998	201	Partial 201	
					1999	201	Partial 201	
					2000	201	Partial 201	
					2001	201	Partial 201	Monument designation. Most of this allotment outside Monument.
					2002	201	Partial 201	
					2003	201	Partial 201	
					2004	103	Partial 103	
					2005	0	0	
					2006	98	Partial 98	
					2007	0	0	Allotment 00021 split. Only small part in Monument.
					2008	6	6	

Allotment Name, #	Total Allotment Acres	Acres in CPNM	Permitted AUMs on Allotment	Permitted AUMs in CPNM	Year	AUMs sold on Allotment	AUMs sold in the CPNM	Notes
					2009	6	6	
	204	95	5	2	2010	6	6	CPNM RMP final
					2011	6	6	
					2012	6	6	
					2013	6	6	
					2014	6	6	
					2015	6	6	
					2016	6	6	
7 allotments								
Annual Free Use Grazing Permits for Vegetation Management Only:								
Washburn Ranch, 00018	8,190	8,190	643	643	1996	1,390	1,390	Carrizo Plain Natural Area Plan approved
					1997	1,172	1,172	
					1998	2,110	2,110	
					1999	3,178	3,178	
					2000	2,233	2,233	
					2001	1,686	1,686	Monument designation
					2002	334	334	
					2003	409	409	
					2004	393	393	
					2005	0	0	Conservation target objectives applied
					2006	0	0	
					2007	0	0	
					2008	0	0	
					2009	0	0	
	6,804	6,804	3,350	3,350	2010	0	0	CPNM RMP final
					2011	0	0	
					2012	0	0	
					2013	0	0	
					2014	0	0	
					2015	0	0	
					2016	0	0	
Painted Rock, 00026	8,090	8,090	900	900	1996	1,513	1,513	Carrizo Plain Natural Area Plan approved
					1997	1,007	1,007	
					1998	1,271	1,271	
					1999	2,236	2,236	
					2000	1,381	1,381	
					2001	779	779	Monument designation
					2002	100	100	
					2003	0	0	
					2004	0	0	

Allotment Name, #	Total Allotment Acres	Acres in CPNM	Permitted AUMs on Allotment	Permitted AUMs in CPNM	Year	AUMs sold on Allotment	AUMs sold in the CPNM	Notes
					2005	0	0	Conservation target objectives applied
					2006	0	0	
					2007	0	0	
					2008	0	0	
					2009	0	0	
	7,570	7,570	3,660	3,660	2010	0	0	CPNM RMP final
					2011	0	0	
					2012	0	0	
					2013	0	0	
					2014	0	0	
					2015	0	0	
					2016	0	0	
KCL Ranch, 00029	29,020	29,020	3,099	3,099	1996	3,124	3,124	Carrizo Plain Natural Area Plan approved
					1997	2,191	2,191	
					1998	3,707	3,707	
					1999	7,843	7,843	
					2000	6,341	6,341	
					2001	4,567	4,567	Monument designation
					2002	507	507	
					2003	0	0	
					2004	87	87	
					2005	950	950	Conservation target objectives applied
					2006	0	0	
					2007	0	0	
					2008	407	407	
					2009	188	188	
	25,783	25,783	13,070	13,070	2010	849	849	CPNM RMP final
					2011	1,610	1,610	
					2012	0	0	
					2013	0	0	
					2014	0	0	
					2015	0	0	
					2016	524	524	
Goodwin Ranch, 00043	2,734	2,734	443	443	1996	665	665	Carrizo Plain Natural Area Plan approved
					1997	286	286	
					1998	808	808	
					1999	1,287	1,287	
					2000	359	359	
					2001	408	408	Monument designation
					2002	32	32	

Allotment Name, #	Total Allotment Acres	Acres in CPNM	Permitted AUMs on Allotment	Permitted AUMs in CPNM	Year	AUMs sold on Allotment	AUMs sold in the CPNM	Notes
					2003	0	0	
					2004	0	0	
					2005	0	0	Conservation target objectives applied
					2006	0	0	
					2007	0	0	
					2008	0	0	
					2009	0	0	
	5,800	5,800	2,470	2,470	2010	0	0	CPNM RMP final
					2011	0	0	
					2012	0	0	
					2013	0	0	
					2014	0	0	
					2015	0	0	
			2,251	2,251	2016	0	0	
Saucito Ranch, 00046	3,860	3,860	558	558	1996	858	858	Carrizo Plain Natural Area Plan approved
					1997	659	659	
					1998	1,021	1,021	
					1999	1,204	1,204	
					2000	459	459	
					2001	611	611	Monument designation
					2002	357	357	
					2003	284	284	
					2004	246	246	
					2005	100	100	Conservation target objectives applied
					2006	210	210	
					2007	0	0	
					2008	0	0	
					2009	0	0	
	3,757	3,757	1,950	1,950	2010	0	0	CPNM RMP final
					2011	0	0	
					2012	0	0	
					2013	0	0	
					2014	0	0	
					2015	0	0	
			1,875	1,875	2016	0	0	
Tembler Caliente, 00053	60,400	60,400	4,694	4,694	1996	9,884	9,884	Carrizo Plain Natural Area Plan approved
					1997	10,779	10,779	
					1998	11,184	11,184	
					1999	4,793	4,793	

Allotment Name, #	Total Allotment Acres	Acres in CPNM	Permitted AUMs on Allotment	Permitted AUMs in CPNM	Year	AUMs sold on Allotment	AUMs sold in the CPNM	Notes
					2000	50	50	
					2001	2,627	2,627	Monument designation
					2002	875	875	
					2003	0	0	
					2004	0	0	
					2005	0	0	Conservation target objectives applied
					2006	1,313	1,313	
					2007	0	0	
					2008	0	0	
					2009	0	0	
	54,244	54,244	28,375	28,375	2010	0	0	CPNM RMP final
					2011	3,697	3,697	
					2012	0	0	
					2013	0	0	
					2014	0	0	
					2015	0	0	
			28,135	28,135	2016	0	0	
Carrizo Ranch, 00070	4,700	4,700	227	227	1996	483	483	Carrizo Plain Natural Area Plan approved
					1997	409	409	
					1998	468	468	
					1999	641	641	
					2000	468	468	
					2001	219	219	Monument designation
					2002	0	0	
					2003	40	40	
					2004	12	12	
					2005	0	0	Conservation target objectives applied
					2006	39	39	
					2007	0	0	
					2008	0	0	
					2009	0	0	
	5,477	5,477	2,750	2,750	2010	0	0	CPNM RMP final
					2011	0	0	
					2012	0	0	
					2013	0	0	
					2014	0	0	
					2015	0	0	
			1,401	1,401	2016	0	0	
Phelan, 00092	5,200	5,200	914	914	1996	964	964	Carrizo Plain Natural Area Plan approved
					1997	1,447	1,447	

Allotment Name, #	Total Allotment Acres	Acres in CPNM	Permitted AUMs on Allotment	Permitted AUMs in CPNM	Year	AUMs sold on Allotment	AUMs sold in the CPNM	Notes
					1998	982	982	
					1999	1,442	1,442	
					2000	280	280	
					2001	546	546	Monument designation
					2002	0	0	
					2003	0	0	
					2004	0	0	
					2005	0	0	Conservation target objectives applied
					2006	0	0	
					2007	0	0	
					2008	0	0	
					2009	0	0	
	4,755	4,755	4,200	4,200	2010	0	0	CPNM RMP final
					2011	0	0	
					2012	0	0	
					2013	0	0	
					2014	0	0	
					2015	0	0	
					2016	0	0	
Garcia Ranch, 03945	N/A	N/A	N/A	N/A	1996	N/A	N/A	Allotment established in 2011 from acquisitions.
					1997	N/A	N/A	
					1998	N/A	N/A	
					1999	N/A	N/A	
					2000	N/A	N/A	
					2001	N/A	N/A	Monument designation
					2002	N/A	N/A	
					2003	N/A	N/A	
					2004	N/A	N/A	
					2005	N/A	N/A	Conservation target objectives applied
					2006	N/A	N/A	
					2007	N/A	N/A	
					2008	N/A	N/A	
					2009	N/A	N/A	
					2010	N/A	N/A	CPNM RMP final
	1,045	1,045	261	261	2011	0	0	Allotment established from recent acquisitions. Vacant.
					2012	0	0	
					2013	0	0	
					2014	0	0	
					2015	0	0	
					2016	0	0	

9 allotments								
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Call for Data Related to Review of National Monuments under EO 13792 (April 26, 2017)

Carrizo Plain National Monument

Please help us gather information about each of the items listed below, for each of the National Monuments listed below in Table 1.

1. Documents Requested

a. Resource Management Plans/Land Use Plans

- i. The RMP approved in April of 2010 can be accessed via:
<https://eplanning.blm.gov/epl-front-office/eplanning/planAndProjectSite.do?methodName=dispatchToPatternPage¤tPageId=105047>

b. Record of Decision

- i. Can be accessed via; <https://eplanning.blm.gov/epl-front-office/eplanning/planAndProjectSite.do?methodName=dispatchToPatternPage¤tPageId=105047>

c. Public Scoping Documents

Carrizo Plain National Monument RMP/EA Timeline 2005

Jan. 21	CD of Draft document
Jan 21-April 15	Completed Editing, formatting, insert maps, front and rear matter/TOC/glossary/index and production of production-ready PDF document, instructions, CD and Web versions, bookmarks and link files estimate 60 days due to contract issues
May 1-10	Document Printed/ hard copies distributed (7-10 days per printer) Web version delivered to BLM
May 15	Public notification of Draft Plan Availability: no FR notice
July 1-15	Public Meetings, held at Taft, Bakersfield, San Luis

Obispo, and Carrisa Plains

July 15	60 day Public Comment Period ends
Aug 1-Sept 1	Public Comments responded by staff
September 20	Issue proposed plan/FONSI/DR
	Public notification of Plan Availability
October 31	30 day protest period ends
November 1-30	Edit, upgrade, finalize RMP Document
December 1	Release Final Carrizo Plain National Monument Plan

Meetings were held with the public and the Monument Advisory Committee (MAC) in the development of the alternatives, review of the alternatives and development and review of the proposed alternative. These meetings took place in Bakersfield, Carrisa Plains, San Luis Obispo. The public planning process started in July 2002 through 2011 involving the public, tribes and Monument Advisory Committee.

d. Presidential Proclamation

- i. Presidential Proclamation 7393 of January 17, 2001 is in this folder.

2. Information on activities permitted at the Monument, including annual levels of activity from the **date of designation to the present**

a. Recreation - annual visits to site

- i. Include in this folder is the Recreational Management Information System (RMIS) data for annual visitation from 2001 until 2016. Visitations fluctuates from lows in the 20,000's to highs in 80,000's depending on wildflowers expressions.

b. Energy - annual production of coal, oil, gas and renewables (if any) on site; amount of energy transmission infrastructure on site (if any)

- i. There has only been one application for a new transmission line during this time period. Pacific Gas and Electric (PGE) applied on 3/30/2016. PGE has done public scoping for this project, however they currently put a hold on the project. There have been 3 renewals on existing right-of- ways

originally issued between 1949 and 1970.

- ii. Energy-annual production of oil and gas for the Morales Canyon and Russell Ranch fields.
- iii. Oil and Gas Production

Year	Oil BBLS	Gas MCFS
2001	13,195	11,725
2002	11,217	10,382
2003	14,911	4,991
2004	18,691	7,730
2005	19,462	10,463
2006	18,597	13,855
2007	14,004	3,553
2008	14,571	2,538
2009	16,455	105
2010	12,342	310
2011	9,765	13,040
2012	11,597	13,487
2013	14,513	16,665
2014	13,863	22,758
2015	10,121	3,717
2016	8,845	2,909

Difference in production from year to year may be related to changes in operator's ownership with the facilities, price fluctuation of commodities, and/or return to production after periodic idle well reviews.

- c. Minerals - annual mineral production on site
 - i. There are no solid mining activities on the Monument.
 - ii. There are no mineral developments or process facilities adjacent to or impacted by the National Monument designation.
- d. Timber - annual timber production on site (in board-feet, CCF, or similar measure)
 - i. There are no active timber operations in the Monument.
- e. Grazing - annual grazing on site (AUMs permitted and sold)
 - i. There are two types of grazing authorizations within the boundary of the Monument and some grazing authorizations are only partially within the boundary. There are six traditional Section 15 grazing leases on seven

grazing allotments and eight annual Free Use grazing permits, issued only for the management of vegetation to meet plan objectives rather than the production of livestock forage, on nine grazing allotments. The Free Use grazing permits were established in 1995 in coordination with California Department of Fish and Wildlife and The Nature Conservancy to improve habitat for threatened and endangered species. Free Use Permits are issued to original operators of the allotments who utilized the area prior to the land acquisition.

- ii. The 1996 Caliente RMP lists AUMs prior to designation, also prior to many acquisitions and possible actions to split allotments or otherwise modify monument boundaries. Therefore the percentage of AUM's are reported in direct relationship to the percentage of acres within the monument boundary.
- iii. The Carrizo Plain National Monument (CPNM) was designated in 2001. The 2008 Draft RMP describes conditions after most acquisitions were completed prior to the final 2010 Carrizo Plain National Monument RMP
- iv. The increase in AUMs from 1996 (pre monument designation) are due to land acquisitions occurring within the CPNM boundary.
- v. A summary of actual billed AUMs can be found in table entitled 2.e grazing data. Grazing AUMs levels are subject to conditions such as drought having a total impact from year to year. The note section of the table provides information on variation from year to year from pre designation to current.

Annual AUMs permitted within the Carrizo Plain National Monument (CPNM):

Grazing Allotment #	Total AUMs in 1996	CPNM AUMs in 2008	CPNM AUMs in 2016	Reason for differences
Traditional Section 15 Grazing Leases:				
00015	Partial 7,882 {refer to 2.e (i)}	1,840/ 7,936 {refer to 2.e (ii)}	2,039/8,091 {refer to 2.e (ii)}	Land acquisitions {refer to 2.e (iv)}
00022	40	40	83	Land acquisitions
00031	2,295	2,295	1,341	Compliance with objectives of Monument RMP and laws, policy, and regulations for administering grazing leases.
00039	Partial 2,715	168/ 730	168/ 730	Allotment split prior to designation.
00044	3,182	3,182	1,341	Compliance with objectives

				Monument RMP and laws, policy, and regulations for administering grazing leases.
00096	Partial 1,073	188/ 939	188/ 939	Allotment boundary adjustments
03655	Partial 2,059	2/ 5	2/ 5	Allotment split prior to designation.
7 allotments		7,715	5,162	
Annual Free Use Grazing Permits for Vegetation Management Only:				
00018	643	3,350	3,350	Land acquisitions
00026	900	3,660	3,660	Land acquisitions
00029	3,099	13,070	13,070	Land acquisitions
00043	2,734	2,470	2,251	Land acquisitions, internal adjustments of boundaries and capacities.
00046	443	1,950	1,875	Land acquisitions, internal adjustments of boundaries and capacities.
00053	4,694	28,375	28,135	Land acquisitions, internal adjustments of boundaries and capacities.
00070	227	2,750	1,401	Land acquisitions, internal adjustments of boundaries and capacities.
00092	914	4,200	4,200	Land acquisitions
03945	0	0	261	Land acquisition
9 allotments		59,825	58,203	

- f. Subsistence - participation rates for subsistence activities occurring on site (fishing, hunting, gathering); quantities harvested; other quantifiable information where available
- i. Subsistence activities are those that provide the bare essentials for living: food, water, and shelter. The Federal Subsistence Management Program provides opportunities for subsistence way of life in Alaska on federal public lands and water there are no formal subsistence programs outside of Alaska.
 - ii. The monument is open to hunting and is regulated by the California Department of Fish and Wildlife.
- g. Cultural - list of cultural uses/values for site; number of sites; other quantifiable

information where available

- i. There are currently a total of 241 recorded archaeological sites within the CPNM. The majority of these sites are associated with the long history of Native American occupation of the Carrizo Plain. One hundred of these constitute scientifically and spiritually significant Native American heritage sites and have been awarded the highest level of national significance as the Carrizo Plain Archaeological District National Historic Landmark. An important component of this district is the 33 pictograph sites internationally recognized as among the most significant examples of their kind in the world. The CPNM also contains a large number of historic period sites are eligible for the National Register of Historic Places. These sites consist of remains and structures associated with mid-18th century settlement and homesteading and subsequent post World War II large scale agricultural development.
- ii. The majority of the known archaeological sites (194) have been recorded since the designation of the CPNM. This is largely due to a marked increase in the completion of archaeological surveys during this period. Since 2001, approximately 22,500 acres, roughly 10% of the monument, has been surveyed for cultural sites.
- iii. Due to the deep history of Native American use and occupation of the Carrizo Plain and the presence of identified sacred sites, contemporary tribes maintain strong ties with the area. The BLM provides tribal access and assist with facilitating ceremonies. In recognition of the significant tribal values associated with the Carrizo Plain, the BLM coordinated with several affiliated groups to establish the Carrizo Plain Native American Advisory Committee in 1997. Since, the BLM continues to work closely with Committee members and other interested tribes and Native American individuals to insure the CPNM is managed in manner compatible with tribal values.

3. Information on activities occurring during the **5 years prior to designation**

a. Recreation - annual visits to site

- i. Prior to designation, traffic counters were not installed. RMIS data is only available from 1999 to current. Visitation numbers from 1996-1998 are based on counts conducted at the Visitor Center. Annual visitation fluctuates significantly based on the amount of wildflowers.

Year	Visitors
2000	18660
1999	9554
1998	3070
1997	1044
1996	1055

- b. Energy - annual production of coal, oil, gas and renewables (if any) on site; amount of energy transmission infrastructure on site (if any)
- i. There were no applications for new lines during this time period. There was 1 amendment and 1 renewal for right -of-ways originally issued between 1949 and 1970.
 - ii. There were a total of 8 right-of-ways issued between 1949 and 1970.
 - iii. Energy – Annual production of oil and gas on the Russell Ranch Field and the Morales Canyon Field.
 - iv. Oil and Gas production in the monument.

Year	Oil BBLS	Gas MCFS
1996	29,488	27,982
1997	24,427	27,104
1998	21,207	54,086
1999	22,275	17,427
2000	15,983	15,770

- c. Minerals - annual mineral production on site
- i. There have been no applications for solid mineral development on the Monument.
- d. Timber - annual timber production on site (in board-feet, CCF, or similar measure)
- i. No timber in the Monument
- e. Grazing - annual grazing on site (AUMs permitted and sold)
- i. There are two types of grazing authorizations within the boundary of the Monument and some authorizations which are only partially within the

boundary. There are six traditional Section 15 grazing leases on seven grazing allotments and eight annual Free Use grazing permits, which are issued only for the management of vegetation to meet plan objectives rather than the production of livestock forage, on nine grazing allotments. The Free Use grazing permits were established in 1995.

- ii. The 1996 Caliente RMP lists AUMs prior to designation, but also prior to many acquisitions and actions to split allotments or otherwise modify boundaries.
- iii. The Carrizo Plain National Monument was designated in 2001. The 2008 Draft RMP describes conditions after most acquisitions were completed prior to the final 2010 CPNM RMP.
- iv. A summary of actual billed AUMs can be found in table entitled 2.e grazing data. Grazing AUMs levels are subject to conditions such as drought having a total impact from year to year. The note section of the table provides information on variation from year to year from pre designation to current.

Annual AUMs permitted within the Carrizo Plain National Monument:

Grazing Allotment #	Total AUMs in 1996	CPNM AUMs in 2008	CPNM AUMs in 2016	Reason for differences
Traditional Section 15 Grazing Leases:				
00015	Part of 7,882	1,840/ 7,936	2,039/ 8,091	Land acquisitions
00022	40	40	83	Land acquisitions
00031	2,295	2,295	1,341	Compliance with objectives of Monument RMP and laws, policy, and regulations for administering grazing leases.
00039	Part of 2,715	168/ 730	168/ 730	Allotment split prior to designation.
00044	3,182	3,182	1,341	Compliance with objectives Monument RMP and laws, policy, and regulations for administering grazing leases.
00096	Part of 1,073	188/ 939	188/ 939	Allotment boundary adjustments
03655	Part of 2,059	2/ 5	2/ 5	Allotment split prior to designation.

7 allotments		7,715	5,162	
Annual Free Use Grazing Permits for Vegetation Management Only:				
00018	643	3,350	3,350	Land acquisitions
00026	900	3,660	3,660	Land acquisitions
00029	3,099	13,070	13,070	Land acquisitions
00043	2,734	2,470	2,251	Land acquisitions, internal adjustments of boundaries and capacities.
00046	443	1,950	1,875	Land acquisitions, internal adjustments of boundaries and capacities.
00053	4,694	28,375	28,135	Land acquisitions, internal adjustments of boundaries and capacities.
00070	227	2,750	1,401	Land acquisitions, internal adjustments of boundaries and capacities.
00092	914	4,200	4,200	Land acquisitions
03945	0	0	261	Land acquisition
9 allotments		59,825	58,203	

- f. Subsistence - participation rates for subsistence activities occurring on site (fishing, hunting, gathering); quantities harvested; other quantifiable information where available
- Subsistence activities are those that provide the bare essentials for living: food, water, and shelter. The Federal Subsistence Management Program provides opportunities for subsistence way of life in Alaska on federal public lands and water there are no formal subsistence programs outside of Alaska.
 - The monument is open to hunting and is regulated by the California Department of Fish and Wildlife.
- g. Cultural - list of cultural uses/values for site; number of sites; other quantifiable information where available
- Prior to designation of the CPNM, the Carrizo Plain was widely recognized as containing a large number of scientifically significant

historical resources. During this period, the BLM made efforts to ensure these resources were managed according to the federal regulatory framework for historic sites. This would have continued to occur in the absence of the CPNM designation, this framework does not promote the level of site protection addressed in the CPNM proclamation. In addition, opportunities for cultural survey, research, preservation measures, and public interpretation were limited prior to designation due to the lack of funding specific to the management of these highly significant resources.

4. Information on activities that likely would have occurred annually from the date of designation to the present **if the Monument had not been designated**

The answer to this question is highly speculative. The question is best answered with qualitative (rather than quantitative) data.

a. Recreation - annual visits to site

- i. If the monument hadn't been designated, BLM would still anticipate visitor numbers to increase due to population centers growth in areas adjacent to the National Monument (including Los Angeles and San Francisco). However BLM would not expect visitation to increase from outside of California. National and international tourists visit due to monument designation, gateway communities, and the Friends of Carrizo association's outreach, education and social media efforts increasing awareness about the monument.
- ii. All off highway vehicles prior to designation were allowed on designated routes, since designation only street legal vehicles are allowed on designated routes.

b. Energy - annual production of coal, oil, gas and renewables (if any) on site; amount of energy transmission infrastructure on site (if any)

- i. The designation of the monument has not affected rights-of-way renewals. The proclamation recognizes valid and existing rights.
- ii. There are two existing active oil fields in the Monument. The proclamation recognizes valid existing rights. Applications for activities in the oil fields have been processed in accordance with the proclamation. Prior to designation there were some small exploratory test sites outside the existing fields with the potential of having 1-3 drilled wells.

c. Minerals - annual mineral production on site

- i. There have been no applications for mineral exploration. If it were a valid

- existing right it would be processed in accordance with the proclamation.
- d. Timber - annual timber production on site (in board-feet, CCF, or similar measure)
 - i. No timber in the Monument
 - e. Grazing - annual grazing on site (AUMs permitted and sold)
 - i. Prior to designation and since 1995, most of the acquired lands within today's' monument boundary have been managed for grazing to meet resource management objectives and not specific to the production of livestock forage. All 15 grazing leases prior to designation and lie within today's' monument boundary have been retained and managed under the laws, regulations, and policies followed by the BLM in issuing and administering grazing permits and leases on all lands under its jurisdiction. The current amount and level of livestock grazing would likely be the same as presented in section 2e.
 - f. Subsistence - participation rates for subsistence activities occurring on site (fishing, hunting, gathering); quantities harvested; other quantifiable information where available
 - i. The BLM does not have sufficient information to predict how designation of the monument has impacted participation rates in subsistence activities.
 - g. Cultural - list of cultural uses/values for site; number of sites; other quantifiable information where available
 - i. Prior to the designation of the CPNM, archaeological surveys within the area had been largely limited to project specific individual parcel clearances. This is in contrast to the larger scale, landscape level surveys conducted following the monument designation. As a result, prior to 2001, there were 47 recorded archaeological sites within the CPNM. The majority of these are the well-known Native American pictograph sites and are the hallmark of the Carrizo Plain archaeological record. It is likely archaeological surveys, and the ensuing resource information critical to effective management, would be curtailed to pre-monument levels due to reduced funding if the CPNM had not been designated.
 - ii. The Carrizo Plain has been long associated with contemporary Native American religious and heritage values. In 1997, the BLM, in partnership with affiliated tribes, chartered the Carrizo Plain Native American Advisory Committee (NAAC). Since, the BLM has worked closely with both the NAAC and other tribal members in developing and implementing

land management actions in this area. Due to Bureau wide BLM policies regarding tribal coordination requirements, a similar level of tribal coordination would have likely occurred in the absence of the monument designation. However, the proclamation, and the additional funding to support these goals, increased opportunities to insure that these tribal heritages and spiritual places are preserved.

5. Changes to boundaries - dates and changes in size

- i. There have been no changes to boundaries.

6. Public Outreach prior to Designation - outreach activities conducted and opportunities for public comment

- i. Prior to the Carrizo becoming a National Monument it was managed as a Natural Area. It had a management plan developed with the public and BLM partners. While developing the plan, public meetings were held in Taft, Cuyama, San Luis Obispo, and Carrisa Plains. The Carrizo was then being proposed as a National Conservation Area (NCA). First by Congressman Walter Capps then after his passing, his wife Congresswoman Lois Capps.
- ii. 5/11/1999 Bill was introduced in the House of Representatives
- iii. 9/22/1999 Meeting in San Luis Obispo with Congresswoman Capps, BLM, Partners, Hunters, Ranchers, Environmentalists, Oil persons, and County Supervisors.
- iv. 11/6/1999 Secretary of Interior, Congresswoman Capps and all the persons in the 9/22/1999 meeting. At this meeting the Secretary suggested an Advisory Committee be formed as a subgroup of the Resource Advisory Council (RAC). With representatives from the RAC and persons with local interest in the Carrizo.
- v. 11/23/1999 Meeting at the Carrisa Farm building. Meeting with the Carrizo Advisory committee and general public to discuss National Conservation Area designation.
- vi. 12/13/1999 Carrizo Plain Advisory Committee meeting discussing designation.
- vii. 3/28-29/ 2000 Meeting on Carrizo at the Visitor Center, Secretary of Interior, Congresswoman Capps, Native Americans, local ranchers, environmentalists, oil interest, hunters, partners, press and general public. Discussing National Conservation Area designation.

Throughout this process comments were encouraged from the public and interest groups.

7. Terms of Designation

- i. Refer to Proclamation for the terms of designation. No additional background (e.g., legislated land exchanges or Congressional budget provisions, etc.).